

**FIG. 1**

$G_1$  Cache line = 128 bytes =  $n_1$

00000000000000000000000000000000

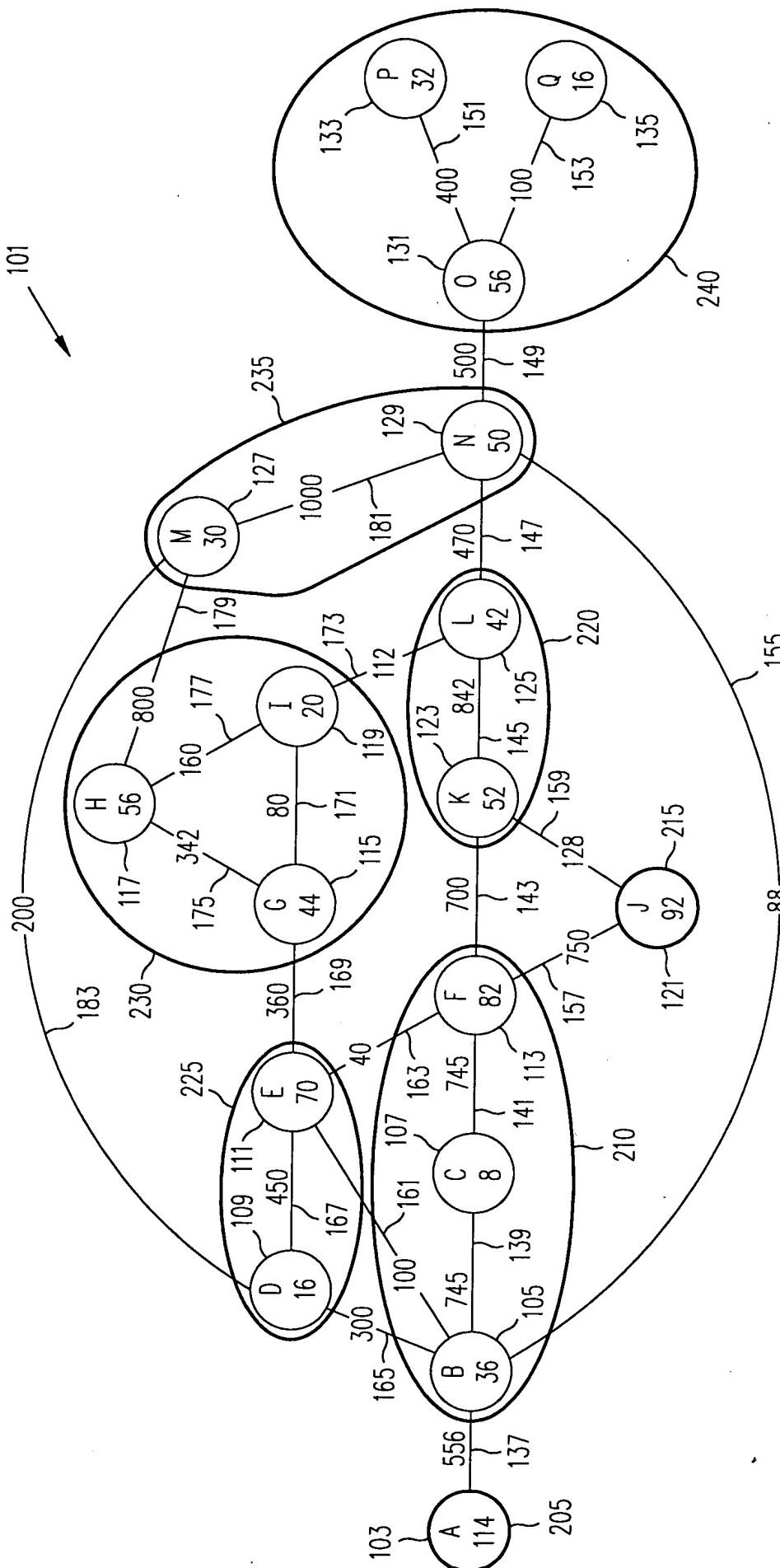
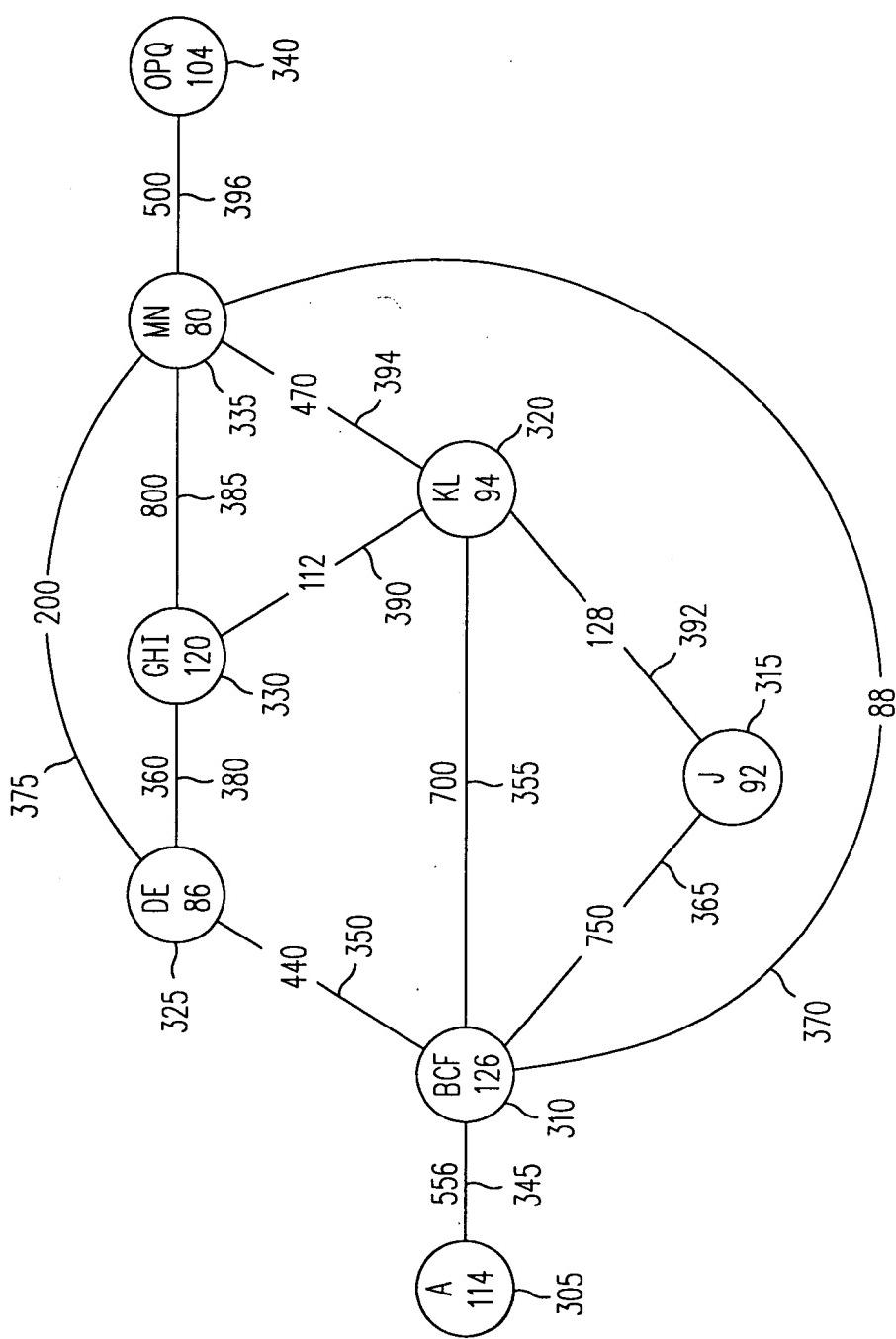


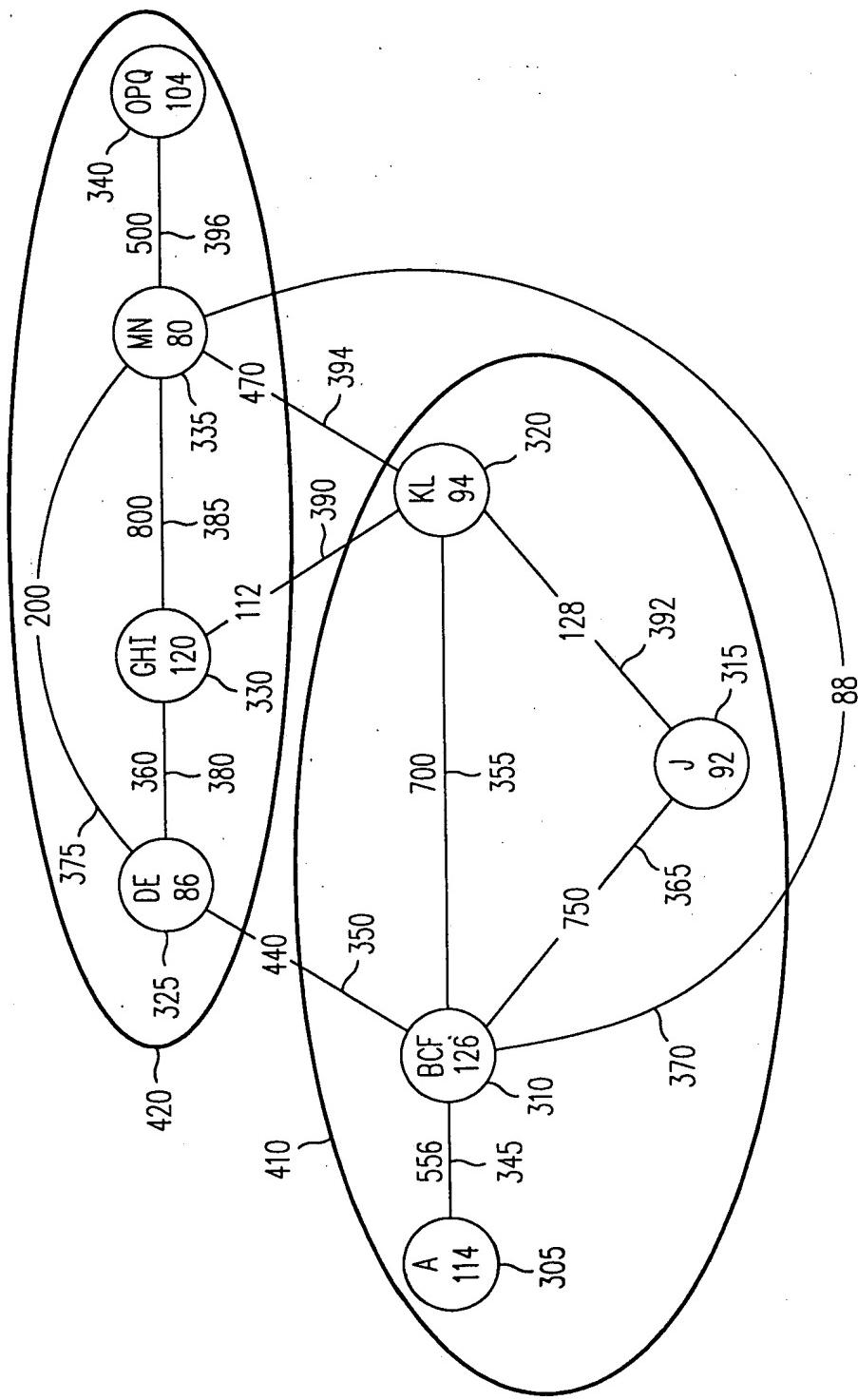
FIG. 2

$G_1$  Cache line = 128 bytes =  $n_1$



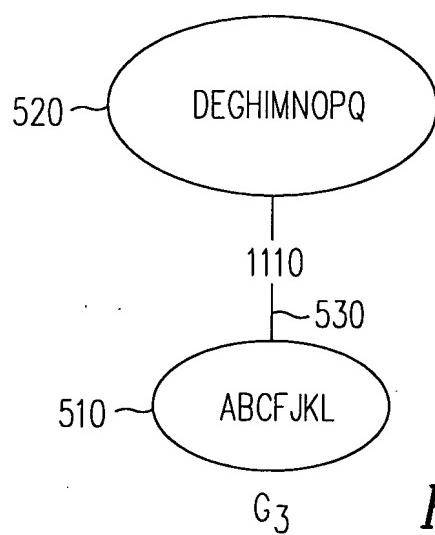
$G_2 n_2 = 512$  bytes (not realistic)

**FIG. 3**

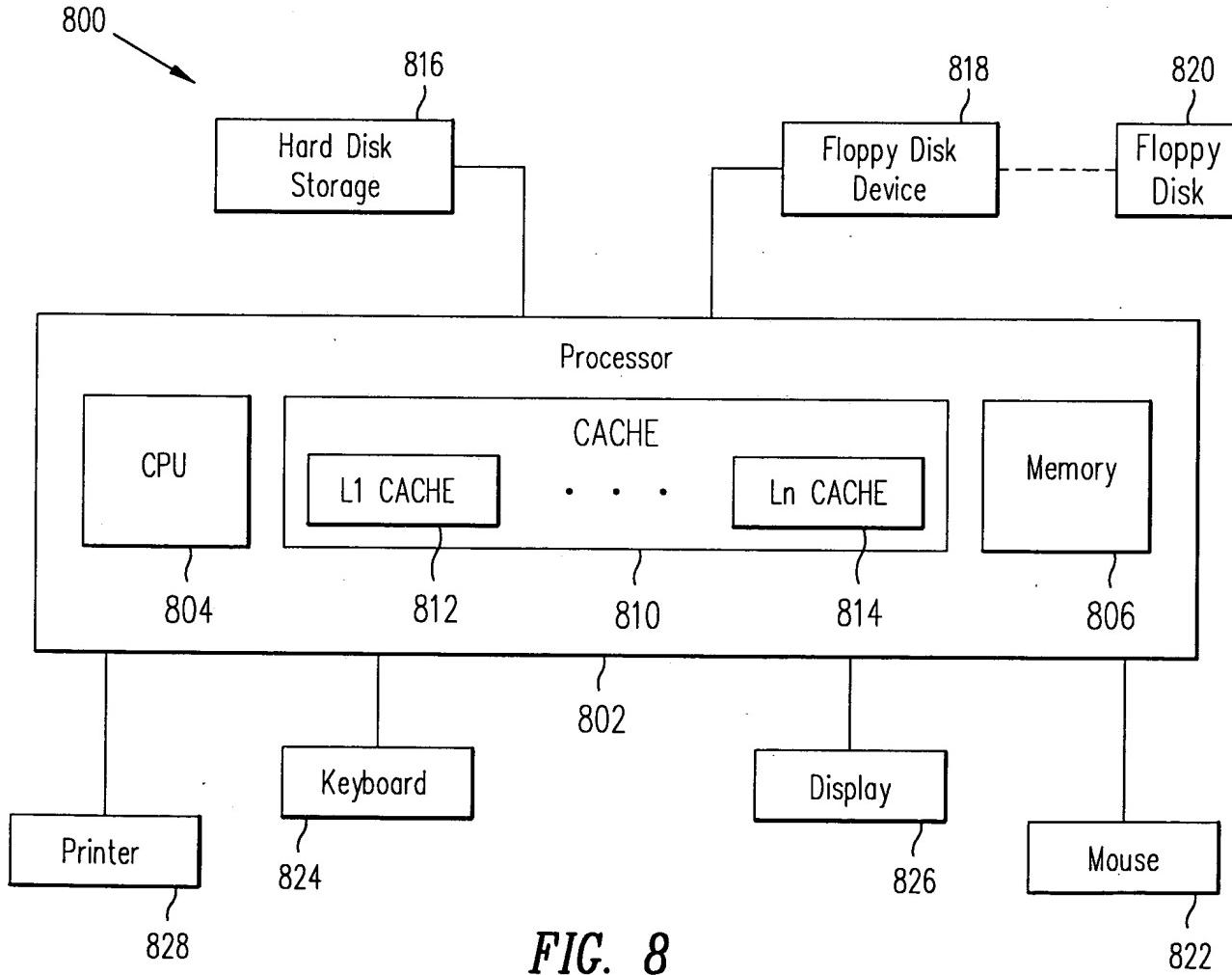


$G_2 \cap G_2 = 512$  bytes (not realistic)

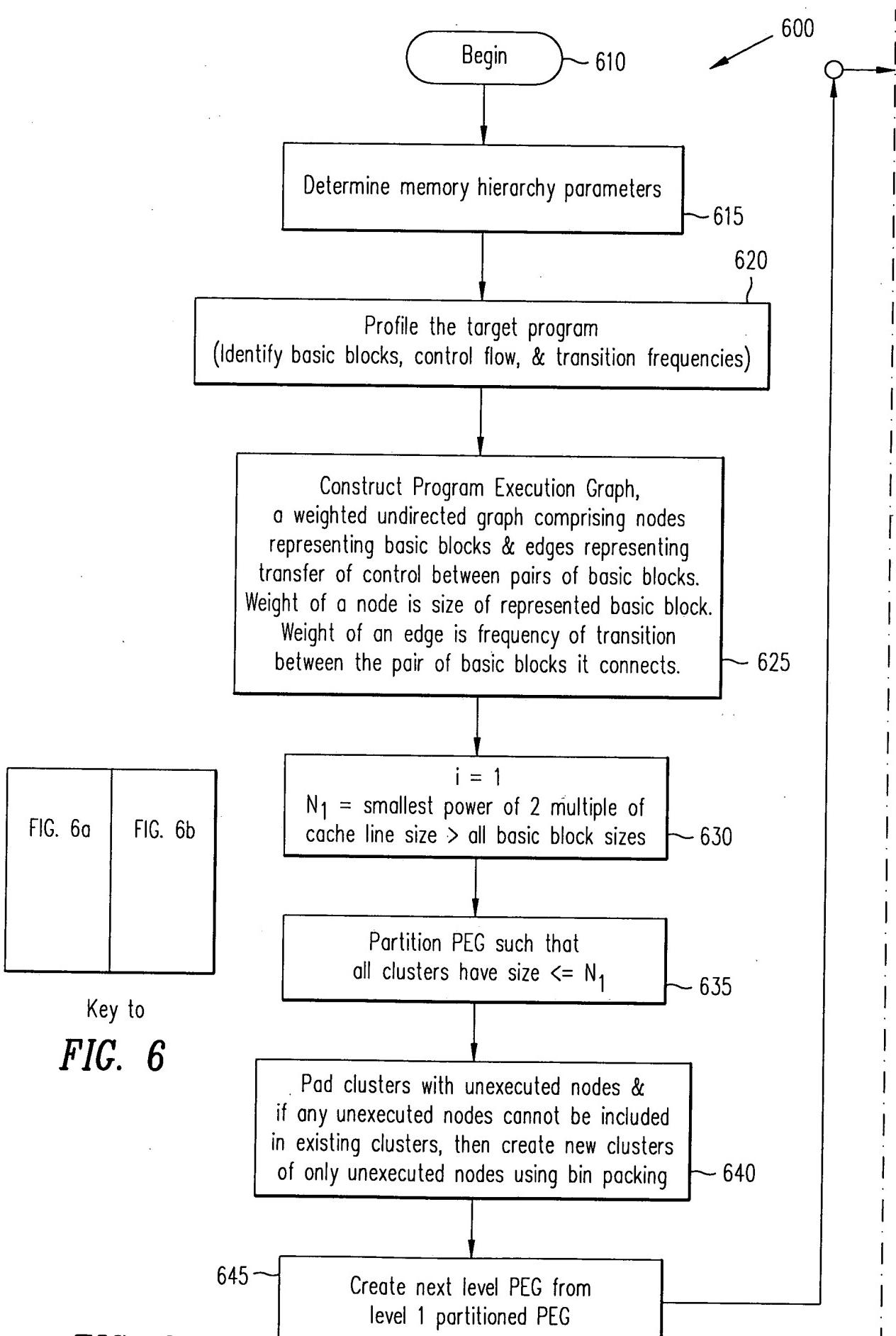
FIG. 4

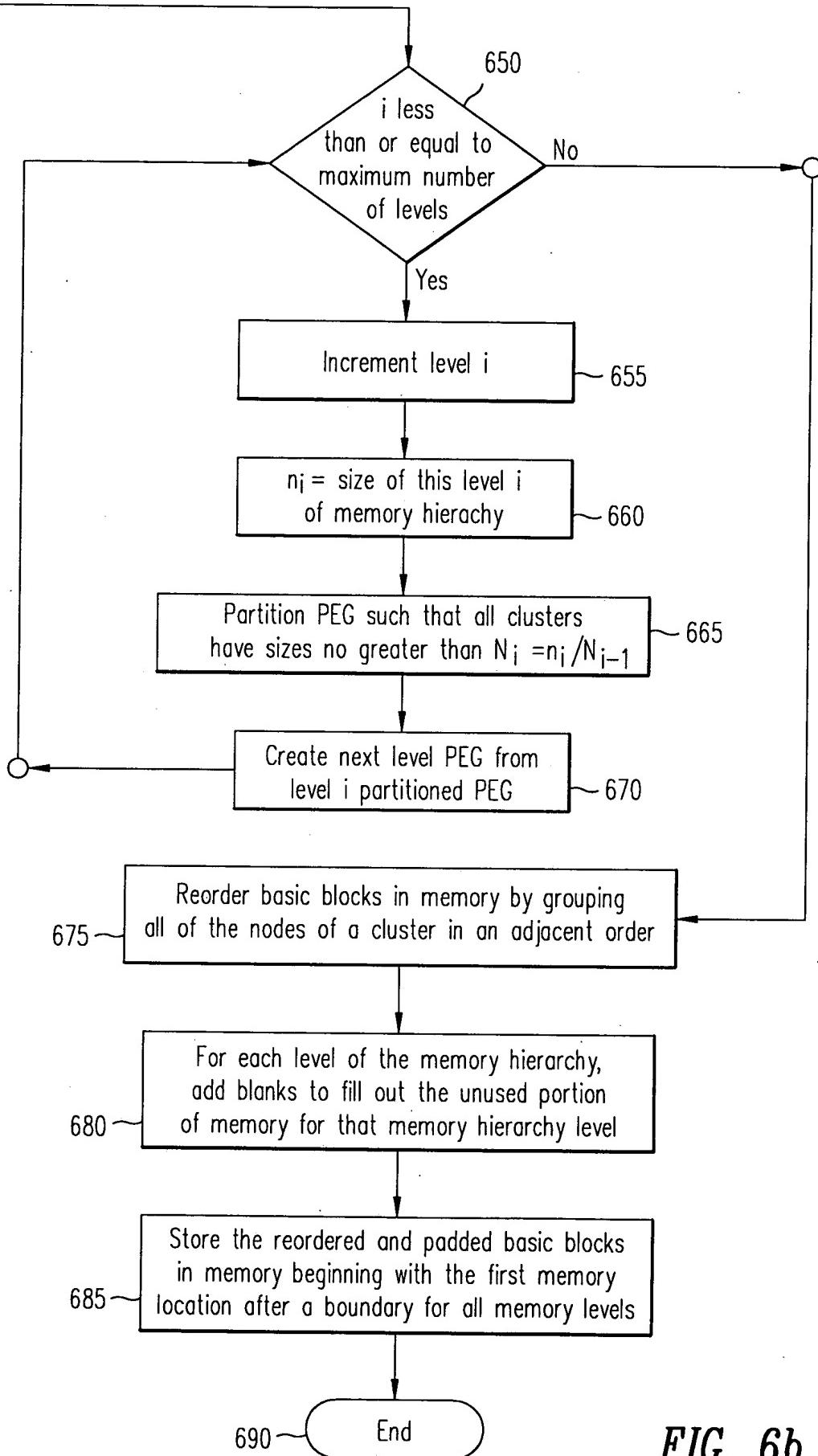


**FIG. 5**

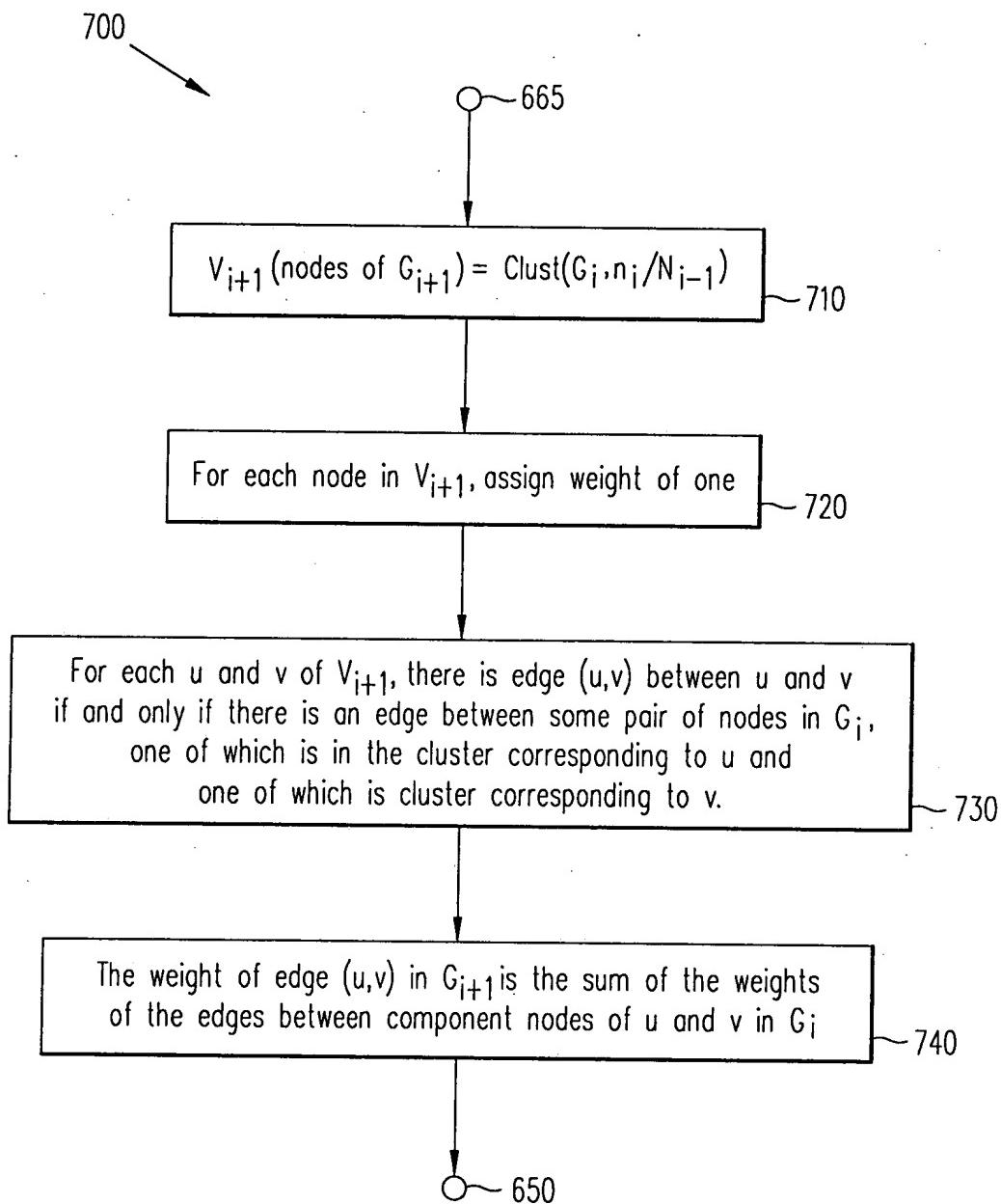


**FIG. 8**





*FIG. 6b*



**FIG. 7**